

ENVIRONMENTAL REVIEW FOR CATEGORICAL EXCLUSION DETERMINATION

Rocky Mountain Region, Western Area Power Administration

Ault-Craig 345-kV and North Park-Hayden 230-kV Transmission Lines

Vegetation Management - Task Order #135 and #148 (Machine Work)

Routt and Jackson Counties, Colorado

Project Numbers 2017-090, 2017-092, and 2018-107

Expiration Date: February 28, 2022

- A. Brief Description of Proposal:** Western Area Power Administration (WAPA), Rocky Mountain Region (RMR), proposes to conduct routine vegetation management along its Ault-Craig (AU-CRG) 345-kV and North Park-Hayden (NOP-HDN) 230-kV Transmission Lines. These two transmission lines parallel each other and are located in Routt and Jackson Counties, Colorado. The work will occur between Structures 81/5 to 89/4 and 120/3 to 131/4 on the AU-CRG Line and between Structures 119/4 to 131/4 on the NOP-HDN Line. This work will be conducted within WAPA's right-of-way (ROW) crossing private lands, state lands, and public lands managed by the U.S. Forest Service (USFS). The intent of WAPA's vegetation management program is to secure and maintain a manageable and stable ROW that minimizes vegetative threats to transmission system safety, security, and reliability, and ultimately does not require frequent re-treatments. Achieving a desired condition is a process that may require several treatments over an extended period of time. Once a desired condition is achieved, it is intended that the desired condition will be proactively maintained. WAPA's desired condition, as stated in *WAPA Order 450.3C*, is consistent with American National Standards Institute (ANSI) A300 Part 7 and the minimum vegetation clearance distances (MVCD) as defined by North American Electric Reliability Corporation (NERC) standard FAC-003-4. The intent of this proposed activity is to continue to move the ROW closer to WAPA's desired condition.

This proposed activity will enlist trained vegetation management crews to assess the ROW condition, identify incompatible vegetation, and trim and remove incompatible vegetation, including "danger trees" as defined in *WAPA Order 430.1C*, using the appropriate means for the terrain and vegetation type. Appropriate means of vegetation removal may include equipment such as masticators, hydro-axes, bucket trucks, skid-steer loaders with brush-hog attachments, mulchers, chippers, chainsaws, pickup trucks, ATVs, measuring equipment, and associated forestry tools. The transmission lines will be accessed via existing access roads; no road maintenance or new road construction is authorized.

B. Special Stipulations Pertaining to the Proposal:

- 1) If the scope of work of this project changes, RMR's Environment Department must be contacted to determine whether additional environmental review is required.
- 2) **This Categorical Exclusion expires February 28, 2022.** If all project work has not been completed by the expiration date, or if the need for an environmental compliance extension is anticipated, RMR's Environment Department must be contacted for an updated environmental review.

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- 3) The RMR Vegetation Management Program must coordinate with the USDA Forest Service, Arapahoe – Roosevelt and Medicine Bow- Routt National Forest, to identify blocks of functional vegetation within suitable Canada lynx habitat to be retained to ensure lynx habitat connectivity. This requirement must be met to ensure compliance with the U.S. Fish and Wildlife Service’s 2014 Biological Opinion for WAPA’s Routine Maintenance and Vegetation Management Practices in Colorado, Nebraska, and Utah. Coordination must occur for vegetation management in the following locations:
 - Structures 82-2 – 89-4 and 120-4 – 131-4 on the AU-CRG Transmission Line
 - Structures 119-5 – 131-4 on the NOP-HDN Transmission Line
- 4) Any injured or orphaned birds, and all active nest relocations, must be immediately reported to the RMR Avian Protection Lead at (970) 593-8803. Any dead birds must be reported to the RMR Avian Protection Lead within twenty-four (24) hours of discovery. Additional documentation, such as photographs and GPS coordinates, may be requested to support RMR’s reporting requirements to the U.S. Fish and Wildlife Service.
- 5) To comply with the Migratory Bird Treaty Act, vegetation management activities should be scheduled outside the March 1 to July 31 general nesting period. If vegetation management must be done during this period, contact RMR’s Environment Department at least 90 days before the work is scheduled to arrange for a pedestrian survey to be conducted no more than 5 calendar days in advance of work crews to identify active nests that must be avoided.
- 6) If any cultural resources are inadvertently discovered during implementation of the proposed action, work within 100 feet of the discovery area must halt immediately and RMR’s Archaeologist must be contacted immediately at (970) 461-7563. Work in the area of discovery must not resume until notification to proceed is provided by RMR’s Archaeologist.
- 7) If any possible human remains are inadvertently discovered during implementation of the proposed action, work within 100 feet of the discovery area must halt immediately and RMR’s Archaeologist must be notified immediately at (970) 461-7563 (no later than 24 hours from the time of discovery). A reasonable effort must be made to protect the remains from looting and/or further damage. Work in the area of discovery must not resume until notification to proceed is provided by RMR’s Archaeologist.
- 8) Cultural resources that must be avoided have been identified on maps that have been provided to RMR’s Regional Vegetation Management Program. Vegetation management crews must use only hand tools (e.g. chainsaws) with no heavy machinery (e.g. tracked tree chipper, etc.) allowed within cultural resource boundaries. All access for vegetation management crews within cultural resource boundaries must be on foot and no brush piling is authorized.

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- 9) To prevent the transport of non-native and invasive plants and animals, including noxious weeds and aquatic nuisance species, work crews must thoroughly wash all vehicles and equipment (trailers, trucks, UTVs, etc.) before entering the action area and working on the project.
- 10) Herbicide application is not authorized under this CX. If herbicide application is required, RMR's Environment Department must be contacted for an updated environmental review.
- 11) Mechanical vegetation management must not occur within waters of the United States. Vegetation management crews must use only hand tools (e.g. chainsaws) with no heavy machinery (e.g. tracked tree chipper, etc.) allowed within wetland boundaries and below the ordinary high water mark of surface waters. All access for vegetation management crews within such areas must be on foot and no brush piling is authorized.
- 12) Activities involving the use of fuel, oil, hydraulic fluid, or other petroleum products must comply with RMR's Spill Response Plan (SRP).

C. Number and Title of the Categorical Exclusion Being Applied: (See text in 10 CFR Part 1021, Subpart D.)

B1.3. Routine Maintenance

D. Regulatory Requirements in 10 CFR 1021.410 (b): (See full text in regulation and attached checklist.)

- 1) The proposed action fits within a class of actions listed in Appendix A or B to Subpart D.

For classes of actions listed in Appendix B, the following conditions are integral elements. To fit within a class, the proposal must not:

- Threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders;
- Require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities;
- Disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases;

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- Have the potential to cause significant impacts on environmentally sensitive resources. An environmentally sensitive resource is typically a resource that has been identified as needing protection through Executive Order, statute, or regulation by Federal, State, or local government, or a federally recognized Indian tribe. An action may be categorically excluded if, although sensitive resources are present, the action would not have the potential to cause significant impacts on those resources (such as construction of a building with its foundation well above a sole-source aquifer or upland surface soil removal on a site that has wetlands). Environmentally sensitive resources include, but are not limited to, those listed in paragraph B. (4) (see Attachment A).
- 2) There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal.
 - 3) The proposal is not “connected” to other actions with potentially significant impacts, is not related to other proposed actions with cumulatively significant impacts, and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211.

E. Determination: Based on my review of information provided to me and in my possession concerning the proposed action, I have determined that the proposed action fits within the specified class of actions, the other regulatory requirements set forth above are met, and the proposed action is categorically excluded from requirements for an EA or an EIS.

Signature and Date

Brian Little
NEPA Compliance Officer
Rocky Mountain Customer Service Region
Western Area Power Administration

Prepared by: Scott Morey

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ATTACHMENT A

Conditions That Are Integral Elements of the Classes

of Actions in Appendix B That Apply to This Proposal

Checklist for Categorical Exclusion Determination, revised Nov. 2011

Application of Categorical Exclusions (1021.410)	Disagree	Agree	Unknown
(b)(1) The proposal fits within a class of actions that is listed in appendix B to subpart D.		X	
(b)(2) There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal, including, but not limited to, scientific controversy about the environmental effects of the proposal; uncertain effects or effects involving unique or unknown risks; and unresolved conflicts concerning alternate uses of available resources.		X	
(b)(3) The proposal has not been segmented to meet the definition of a categorical exclusion. Segmentation can occur when a proposal is broken down into small parts in order to avoid the appearance of significance of the total action. The scope of a proposal must include the consideration of connected and cumulative actions, that is, the proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or § 1021.211 of this part concerning limitations on actions during EIS preparation.		X	
B. Conditions that are Integral Elements of the Classes of Actions in Appendix B.	NO	YES	Unknown
(1) Threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety and health, or similar requirements of DOE or Executive Orders.	X		
(2) Require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities;	X		
(3) Disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases;	X		
(4) Have the potential to cause significant impacts on environmentally sensitive resources. An environmentally sensitive resource is typically a resource that has been identified as needing protection through Executive Order, statute, or regulation by Federal, state, or	X		

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<p>local government, or a federally recognized Indian tribe. An action may be categorically excluded if, although sensitive resources are present, the action would not have the potential to cause significant impacts on those resources (such as construction of a building with its foundation well above a sole-source aquifer or upland surface soil removal on a site that has wetlands). Environmentally sensitive resources include, but are not limited to:</p>			
<p>(i) Property (such as sites, buildings, structures, and objects) of historic, archaeological, or architectural significance designated by a Federal, state, or local government, or property determined to be eligible for listing on the National Register of Historic Places;</p>	X		
<p>(ii) Federally-listed threatened or endangered species or their habitat (including critical habitat) or Federally- proposed or candidate species or their habitat (Endangered Species Act); state-listed or state-proposed endangered or threatened species or their habitat; Federally-protected marine mammals and Essential Fish Habitat (Marine Mammal Protection Act; Magnuson-Stevens Fishery Conservation and Management Act); and otherwise Federally-protected species (such as under the Bald and Golden Eagle Protection Act or the Migratory Bird Treaty Act);</p>	X		
<p>(iii) Floodplains and wetlands (as defined in 10 CFR 1022.4, —Compliance with Floodplain and Wetland Environmental Review Requirements: “Definitions,” or its successor);</p>	X		
<p>(iv) Areas having a special designation such as Federally- and state-designated wilderness areas, national parks, national monuments, national natural landmarks, wild and scenic rivers, state and Federal wildlife refuges, scenic areas (such as National Scenic and Historic Trails or National Scenic Areas), and marine sanctuaries;</p>	X		
<p>(v) Prime or unique farmland, or other farmland of statewide or local importance, as defined at 7 CFR 658.2(a), —Farmland Protection Policy Act: Definitions, or its successor;</p>	X		
<p>(vi) Special sources of water (such as sole-source aquifers, wellhead protection areas, and other water sources that are vital in a region); and</p>	X		
<p>(vii) Tundra, coral reefs, or rain forests; or</p>	X		

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(5) Involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those of the Department of Agriculture, the Environmental Protection Agency, and the National Institutes of Health.	X		
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